What is claimed is:

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1. A system for delivering electronic programming to a user, the system comprising:

a printed matter having at least one sensor and a transmitter for transmitting a coded signal in response to an actuation of said sensor;

an intelligent controller having associated therewith a receiver for receiving said coded signal and a means for accessing programming material; and a display unit for presenting said programming material;

wherein said user actuates said sensor to cause said intelligent controller to access said programming material and said display unit to present said programming material to said user.

- 2. A system as defined in claim 1 wherein said sensor comprisesa touch sensor.
- 3. A system as defined in claim 1 wherein said sensor comprises a capacitive touch sensor.
- 20 4. A system as defined in claim 1 wherein said sensor comprises a conductive touch sensor.
- 5. A system as defined in claim 1 wherein said sensor comprises

a page sensor.

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- 2 6. A system as defined in claim 1 wherein said printed matter 3 includes both a page sensor and a touch sensor.
- 7. A system as defined in claim 1 wherein said printed matter includes a pad having a plurality of touch sensors.
- 8. A system as defined in claim 1 wherein said printed matter includes a plurality of pads, each having a plurality of touch sensors.
 - 9. A system as defined in claim 1 wherein said intelligent controller includes a microprocessor.
 - 10. A system as defined in claim 1 wherein said intelligent controller has associated therewith a memory means for storing programming material.
 - 11. A system as defined in claim 10 wherein said memory means comprises a magnetic disk.
- 12. A system as defined in claim 10 wherein said memory means comprises a PCMCIA card.
- 13. A system as defined in claim 10 wherein said memory means comprises a flash RAM.
- 20 14. A system as defined in claim 10 wherein said memory means comprises a cache.
- 22 (15. A system as defined in claim 10 wherein said memory means

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comprises a CD-ROM.

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- 16. A system as defined in claim 10 wherein said memory means is selected from the group consisting of: a ROM; a WORM disk; a floppy disk; a multi-layer optical disk; a magneto-optical disk; an IC card; a magnetic bubble memory; a sequential access memory; a magnetic tape; a magnetic drum; a magneto-optical drum; a static RAM; and a dynamic RAM.
- 17. A system as defined in claim 1 wherein said intelligent controller includes a removable memory means.
 - 18. A system as defined in claim 17 wherein said printed matter and said removable memory means are supplied to, or purchased by, the user as a set.
 - 19. A system as defined in claim 1 wherein said means for accessing programming material operates via a data link.
- 15 20. A system as defined in claim 19 wherein said data link 16 comprises a telephone line.
- 17 21. A system as defined in claim 19 wherein said data link 18 comprises a computer network.
- 22. A system as defined in claim 19 wherein said data link comprises an ISDN network.
- 23. A system as defined in claim 19 wherein said data link 22 comprises an Ethernet network.

- 24. A system as defined in claim 19 wherein said data link comprises a CATV line.
- 25. A system as defined in claim 1 wherein said intelligent
 controller has associated therewith a buffer for temporarily
 storing the programming material.
- 26. A system as defined in claim 1 wherein said intelligent
 controller includes means for decompressing compressed
 programming material.
 - 27. A system as defined in claim 1 wherein said display unit comprises a video display.
 - 28. A system as defined in claim 1 wherein said display unit comprises an audio transducer.
- 29. A system as defined in claim 1 wherein said display unit comprises a flat panel display.
- 30. A system as defined in claim 29 wherein said flat panel display is embedded within said printed matter.
- 17 31. A system as defined in claim 1 wherein said display unit has
 18 associated therewith a buffer for temporarily storing
 19 programming material.
- 20 32. A system as defined in claim 1 wherein said display unit has
 21 associated therewith means for decompressing compressed
 22 programming material.

- A system as defined in claim 1 wherein said display unit
 comprises a CATV converter, or wireless cable converter, and
 a television set coupled thereto.
- 34. A system as defined in claim 1 wherein said display unit comprises a personal computer.
- 6 35. A system as defined in claim 34 wherein said personal
 7 computer includes a CD-ROM for storing programming material.
 - 36. A system as defined in claim 34 wherein said personal computer includes means for decompressing compressed programming material.

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- 37. A system as defined in claim 1 wherein said intelligent controller and said display unit each comprise portions of a personal computer.
- 38. A system as defined in claim 1 wherein said programming material includes entertainment programming.
- 39. A system as defined in claim 1 wherein said programming material includes educational programming.
- 18 40. A system as defined in claim 1 wherein said programming

 19 material supplements information contained in said printed

 20 matter.
- 21 41. A system as defined in claim 1 wherein said programming
 22 material includes commercial programming.

A system as defined in claim 1 wherein said programming 42. material includes promotional programming. 2 A system as defined in claim 1 wherein said programming 43. material includes informational programming. A system as defined in claim 1 wherein said transmitter and 44. receiver communicate via an energy pathway. A system as defined in claim 44 wherein said energy pathway 45. comprises a conductive cable. A system as defined in claim 44 wherein said energy pathway 46. comprises an optical cable. A system as defined in claim 4/1 wherein said energy pathway 47. comprises a capacitively compled link. A system as defined in Aaim 1 wherein said transmitter and 48. 13 receiver communicate xia a wireless RF link. A system as defined in claim 1 wherein said transmitter and 49. 15 receiver communicate via an IR link. 16 A system for/displaying programming to a user, the system 17 comprising: 18 a/printed matter having at least one machine 19 recognizable feature; 20 a feature recognition unit having associated therewith 21 a means for recognizing said feature and a 22

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1	_	transmitter for transmitting a coded signal in							
2		response to the recognition of said feature;							
3		an intelligent controller having associated therewith a							
4	receiver for receiving said coded signal and means								
5	for accessing programming material; and								
6	a display unit for presenting said programming								
7	material;								
8	wherein said recognition unit, in response to the recognition of said feature, causes said								
1 8 1 1 1 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1									
7 210 4	intelligent controller to access said programming								
11	material and said display unit to execute or								
12	display said programming material.								
13	51. A system as defined in claim 50 wherein said intelligent								
1 4		controller includes a microprocessor.							
<u>15</u>	52.	A system as defined in claim 50 wherein said intelligent							
16		controller has associated therewith a memory means for							
17	storing programming material.								
18	53.	A system as defined in claim 52 wherein said memory means							
19		comprises a magnetic disk.							
20	54.	A system as defined in claim 52 wherein said memory means							
21		comprises a PCMCIA card.							
22	55.	system as defined in claim 52 wherein said memory means							

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comprises a flash RAM.

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- 56. A system as defined in claim 52 wherein said memory means comprises a cache.
- 57. A system as defined in claim 52 wherein said memory means comprises a CD-ROM.
- selected from the group consisting of: a ROM; a WORM disk; a floppy disk; a multi-layer optical disk; a magneto-optical disk; an IC card; a magnetic bubble memory; a sequential access memory; a magnetic tape; a magnetic drum; a magneto-optical drum; a static RAM; and a dynamic RAM.
 - 59. A system as defined in claim 50 wherein said intelligent controller includes a removable memory means.
 - 60. A system as defined in claim 59 wherein said printed matter and said removable memory means are supplied to, or purchased by, the user as a set.
 - 17 61. A system as defined in claim 50 wherein said means for accessing programming material operates via a data link.
 - 19 62. A system as defined in claim 61 wherein said data link
 20 comprises a telephone line.
 - 21 63. A system as defined in claim 61 wherein said data link
 22 comprises a computer network.

- 64. A system as defined in claim 61 wherein said data link comprises an ISDN network.
- 3 65. A system as defined in claim 61 wherein said data link 4 comprises an Ethernet network.
- 66. A system as defined in claim 61 wherein said data link
 comprises a CATV line.
- 7 67. A system as defined in claim 50 wherein said intelligent
 8 controller has associated therewith a buffer for temporarily
 9 storing the programming material.
 - 68. A system as defined in claim 50 wherein said intelligent controller includes means for decompressing compressed programming material.

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- 69. A system as defined in claim 50 wherein said display unit comprises a video display.
- 70. A system as defined in claim 50 wherein said display unit comprises an audio transducer.
- 71. A system as defined in claim 50 wherein said display unit comprises a flat panel display.
- 72. A system as defined in claim 71 wherein said flat panel display is embedded within said printed matter.
- 21 73 A system as defined in claim 50 wherein said display unit
 22 has associated therewith a buffer for temporarily storing

programming material. A system as defined in claim 50 wherein said display unit 2 has associated therewith means for decompressing compressed 3 programming material. A system as defined in claim 50 wherein said display unit comprises a CATV converter, or wireless cable converter, and a television set coupled thereto. 7 A system as defined in claim 50 wherein said display unit 76. comprises a personal computer. A system as defined in chaim 76 wherein said personal 77. computer includes a CD-Rom for storing programming material. A system as defined in dlaim 76 wherein said personal 78. computer includes means for decompressing compressed programming material. A system as defined in claim 50 wherein said intelligent 79. controller and said display unit each comprise portions of a 16 personal computer. 17 A system as defined in claim 50 wherein said programming 80. 18 material includes entertainment programming. 19

A system as defined in claim 50 wherein said programming

A system as defined in claim 50 wherein said programming

material includes educational programming.

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- material supplements information contained in said printed matter.
- 83. A system as defined in claim 50 wherein said programming
 material includes commercial programming.
- 5 84. A system as defined in claim 50 wherein said programming 6 material includes promotional programming.
- 85. A system as defined in claim 50 wherein said programming material includes informational programming.

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- 86. A system as defined in claim 50 wherein said transmitter and receiver communicate via an energy pathway.
- 87. A system as defined in claim 86 wherein said energy pathway comprises a conductive cable.
- 88. A system as defined in claim 86 wherein said energy pathway comprises an optical cable.
- 89. A system as defined in claim 86 wherein said energy pathway comprises a capacitively coupled link.
- 90. A system as defined in claim 50 wherein said transmitter and receiver communicate via a wireless RF link.
- 91. A system as defined in claim 50 wherein said transmitter and receiver communicate via an IR link.
- 92. A system as defined in claim 50 wherein said feature comprises a bar code.

A system as defined in claim 50 wherein said feature 93. comprises an invisible bar code. A system as defined in claim 50 comprises wherein said feature comprises a magnetic code. A system as defined in claim 50 wherein said feature 95. comprises printed indicia. A system as defined in claim 50 wherein said recognition 96. unit comprises a hand-held unit. A system as defined in claim 96 wherein said hand-held 97. recognition unit includes a CCD camera. A system as defined in claim % wherein said hand-held 98. recognition unit includes a bar code reader. A system as defined in claim 96 wherein said hand-held 99. recognition unit comprises a magnetic detector. 100. A system as defined in claim 96 wherein said hand-held recognition unit/comprises a scanner/mouse. 16 101. A system for delivering electronic programming to a user, 17 the system comprising: 18 a printed matter having associated therewith at least 19 one sensor, a controller responsive to an 20 actuation of said sensor, and a transmitter 21 responsive to said controller for transmitting a 22

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1	coded signal; and								
2	a display unit having associated therewith a receiver								
3	for receiving said coded signal, means for								
4	accessing programming material in response								
5	thereto, and means for displaying or executing								
6	said programming material; and								
7	wherein said user actuates said sensor to cause said								
8	programming material to be accessed and displayed								
4 9	or executed.								
(T) (T) 10	102. A system as defined in claim 101 wherein said controller								
11 ===================================	includes a microprocessor.								
: 12	103. A system as defined in claim 101 wherein said display unit								
13 IU	further has associated therewith a memory means for storing								
Л 14	programming material.								
15	104. A system as defined in claim 103 wherein said memory means								
16	comprises a magnetic disk.								
17	105. A system as defined in claim 103 wherein said memory means								
18	comprises a PCMCIA card.								
19	106. A system as defined in claim 103 wherein said memory means								
20	comprises a flash RAM.								
21	107. A system as defined in claim 103 wherein said memory means								
22	comprises a cache.								

1 108. A system as defined in claim 103 wherein said memory means
2 comprises a CD-ROM.
3 109. A system as defined in claim 101 wherein said memory means

is selected from the group consisting of: a ROM; a WORM

disk; a floppy disk; a multi-layer optical disk; a magnetooptical disk; an IC card; a magnetic bubble memory; a

sequential access memory; a magnetic tape; a magnetic drum;
a magneto-optical drum; a static RAM; and a dynamic RAM.

110. A system as defined in claim 101 wherein said further has associated therewith a removable memory means.

111. A system as defined in claim 110 wherein said printed matter and said removable memory means are supplied to, or purchased by, the user as a set.

112. A system as defined in claim 101 wherein said means for accessing programming material operates via a data link.

113. A system as defined in claim 112 wherein said data link comprises a telephone line.

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18 114. A system as defined in claim 112 wherein said data link comprises a computer network.

20 115. A system as defined in claim 112 wherein said data link
21 comprises an ISDN network.

16. A system as defined in claim 112 wherein said data link

comprises an Ethernet network.

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- 2 117. A system as defined in claim 112 wherein said data link 3 comprises a CATV line.
- 118. A system as defined in claim 101 wherein said controller has
 associated therewith a power-down or slow-down circuit for
 reducing power consumption in said controller.
- 119. A system as defined in claim 101 wherein said controller has associated therewith a solar cell for powering said controller..
 - 120. A system as defined in claim 101 wherein said display unit comprises a video display.
 - 121. A system as defined in claim 101 wherein said display unit comprises an audio transducer.
 - 122. A system as defined in claim 101 wherein said display unit comprises a flat panel display.
- 123. A system as defined in claim 122 wherein said flat panel display is embedded within said printed matter.
- 124. A system as defined in claim 101 wherein said display unit
 19 has associated therewith a buffer for temporarily storing
 20 programming material.
- 21 125. A system as defined in claim 101 wherein said display unit
 22 has associated therewith means for decompressing compressed

programming material.

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- 126. A system as defined in claim 101 wherein said display unit

 comprises a CATV converter, or wireless cable converter, and
 a television set coupled thereto.
- 5 127. A system as defined in claim 101 wherein said display unit 6 comprises a personal computer.
- 128. A system as defined in claim 127 wherein said personal computer includes a CD-ROM for storing programming material.
 - 129. A system as defined in claim 127 wherein said personal computer includes means for decompressing compressed programming material.
 - 130. A system as defined in claim 101 wherein said controller and said display unit each comprise portions of a personal computer.
 - 131. A system as defined in claim 101 wherein said programming material includes entertainment programming.
- 132. A system as defined in claim 101 wherein said programming

 material includes educational programming.
- 133. A system as defined in claim 101 wherein said programming
 20 material supplements information contained in said printed
 21 matter.
- 22 /134. A system as defined in claim 101 wherein said programming

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material includes commercial programming. 135. A system as defined in claim 101 wherein said programming 2 material includes promotional programming. 3 136. A system as defined in claim 101 wherein said programming material includes informational programming. 137. A system as defined in claim 101 wherein said transmitter and receiver communicate via an energy pathway. 138. A system as defined in claim 137 wherein said energy pathway comprises a conductive cable. 139. A system as defined in Naim 1/37 wherein said energy pathway comprises an optical cable 140. A system as defined in Jaim 137 wherein said energy pathway £ 12 comprises a capacitively coupled link. 141. A system as defined in claim 101 wherein said transmitter and receiver communicate via a wireless RF link. 142. A system as defined in claim 101 wherein said transmitter 16 and receixer communicate via an IR link. 17 143. A method of providing, accessing or utilizing electronic 18 media services, the method comprising the steps of: 19 providing a printed matter having at least one sensor 20 associated therewith; providing or programming an intelligent controller to, 22

1		in response to an actuation of said sensor,
2		perform a pre-programmed command; and
3		executing said pre-programmed command to access or
4		control an electronic media.
5	144.	A method of providing electronic programming material, the
6	1	method comprising the steps of:
7		providing a printed matter to a potential customer;
8		pre-programming an intelligent controller to access or
8 110 10 10		control the transmission of electronic programming
(T) (C) 10		material in response to an event wherein the
11 11 12		customer interacts with the printed matter in a
; 12		particular manner; and
13 14 11		displaying or executing said programming material in
л 14		response to the intelligent controller.
15	145.	A method as defined in claim 144 wherein said printed matter
16	(comprises a low-cost, throw away publication.
17	146.	A method as defined in claim 144 wherein said customer
18	ī	utilizes a feature recognition unit to interact with said
19	1	printed matter.
20	147.	A method of providing or accessing shop-at-home services,
21		the method including the steps of:
22		incorporating within a printed catalogue at least one

1	sensor or machine-recognizable feature;								
2	programming a controller to execute a pre-programmed								
3	command in response to an event wherein a customer								
4	interacts with said sensor or feature; and								
5	responding to the execution of said pre-programmed								
6	command.								
7	148. A method as defined in claim 147 wherein responding								
8 12 12 12 12 12 12 12 12 12 12 12 12 12 1	comprises presenting or delivering commercial programming to								
	the customer.								
[] [] 	149. A method as defined in claim 147 wherein responding								
14 11 .E	comprises presenting or delivering promotional programming								
12	to the customer.								
13 13	150. A method as defined in claim 147 wherein responding								
14	comprises contacting the customer by telephone.								
15	151. A method as defined in claim 147 wherein responding								
16	comprises providing an electronic menu to the customer.								
17	152. A method as defined in claim 151, further comprising the								
18	step of responding to the customer's menu selection(s).								
19	153. An improved method of instruction, said method including the								
20	steps of:								
21	providing a printed textbook having at least one sensor								
22	or machine-recognizable feature associated								
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providing a means, distinct from said textbook, for executing a pre-programmed command in response to an event wherein a reader of the textbook interacts with said sensor or feature; and responding to the execution of said command. 154. An improved method of instruction as defined in claim 153 wherein responding comprises: causing or controlling the delivery or presentation of multimedia material or other information related to that the the textbook to the reader.	1	Chief Chief
an event wherein a reader of the textbook interacts with said sensor or feature; and responding to the execution of said command. 154. An improved method of instruction as defined in claim 153 wherein responding comprises: causing or controlling the delivery or presentation of multimedia material or other information related to that the textbook to the reader. information related to that the textbook to the reader. 155. An improved method of instruction as defined in claim 153 wherein responding comprises: forming a communication link between the reader and a tutor or consultant. 156. A low cost, throw-away printed matter useful for accessing electronic media services, said printed matter including: at least one sensor; and means responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	2	providing a means, distinct from said textbook, for
interacts with said sensor or feature; and responding to the execution of said command. 154. An improved method of instruction as defined in claim 153 wherein responding comprises: causing or controlling the delivery or presentation of multimedia material or other information related to that in the textbook to the reader. 155. An improved method of instruction as defined in claim 153 wherein responding comprises: forming a communication link between the reader and a tutor or consultant. 156. A low cost, throw-away printed matter useful for accessing electronic media services, said printed matter including: at least one sensor; and means responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	3	executing a pre-programmed command in response to
responding to the execution of said command. 154. An improved method of instruction as defined in claim 153 wherein responding comprises: causing or controlling the delivery or presentation of multimedia material or other information related to that the textbook to the reader. 155. An improved method of instruction as defined in claim 153 wherein responding comprises: forming a communication link between the reader and a tutor or consultant. 156. A low cost, throw-away printed matter useful for accessing electronic media services, said printed matter including: at least one sensor; and means, responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	4	an event wherein a reader of the textbook
wherein responding comprises: causing or controlling the delivery or presentation of multimedia material or other information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information is a defined in claim 153 wherein responding comprises: forming a communication link between the reader and a tutor or consultant. If in the information link between the reader and a tutor or consultant. If in the information link between the reader and a tutor or consultant. If in the information link between the reader and a tutor or consultant. If in the information link between the reader and a tutor or consultant. If in the information link between the reader and a tutor or consultant. If in the information is a transmitted matter useful for accessing electronic media sensor, for transmitting a coded signal indicative of said sensor. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to that the textbook to the reader. If in the information related to the information of said sensor, for the information in the information in the information related to the information related to the reader. If in the informati	5	interacts with said sensor or feature; and
wherein responding comprises: causing or controlling the delivery or presentation of multimedia material or other information related to that the textbook to the reader. 155. An improved method of instruction as defined in claim 153 wherein responding comprises: forming a communication link between the reader and a tutor or consultant. 156. A low cost, throw-away printed matter useful for accessing electronic media services, said printed matter including: at least one sensor; and means, responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	6	responding to the execution of said command.
delivery or presentation of multimedia material or other information related to that the textbook to the reader. 155. An improved method of instruction as defined in claim 153 wherein responding comprises: forming a communication link between the reader and a tutor or consultant. 156. A low cost, throw-away printed matter useful for accessing electronic media services, said printed matter including: 15 at least one sensor; and 16 means, responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	7	154. An improved method of instruction as defined in claim 153
delivery or presentation of multimedia material or other information related to that the textbook to the reader. 155. An improved method of instruction as defined in claim 153 wherein responding comprises: forming a communication link between the reader and a tutor or consultant. 156. A low cost, throw-away printed matter useful for accessing electronic media services, said printed matter including: 15 at least one sensor; and 16 means responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	2 8	wherein responding comprises: causing or controlling the
information related to that the textbook to the reader. 155. An improved method of instruction as defined in claim 153 wherein responding comprises: forming a communication link between the reader and a tutor or consultant. 156. A low cost, throw-away printed matter useful for accessing electronic media services, said printed matter including: at least one sensor; and means, responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	`₹ 14 9 171	delivery or presentation of multimedia material or other
wherein responding comprises: forming a communication link between the reader and a tutor or consultant. 156. A low cost, throw-away printed matter useful for accessing electronic media services, said printed matter including: at least one sensor; and means, responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	10	information related to that in the textbook to the reader.
between the reader and a tutor or consultant. 150 151 151 152 153 154 156. A low cost, throw-away printed matter useful for accessing electronic media services, said printed matter including: 155 166 177 187 187 187 188 189 199 197 197	11 = 11	155. An improved method of instruction as defined in claim 153
between the reader and a tutor or consultant. 150. A low cost, throw-away printed matter useful for accessing electronic media services, said printed matter including: 151. at least one sensor; and 152. means, responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 153. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,		wherein responding comprises: forming a communication link
electronic media services, said printed matter including: at least one sensor; and means, responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	13	between the reader and a tutor or consultant.
electronic media services, said printed matter including: at least one sensor; and means responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	14	156. A low cost, throw-away printed matter useful for accessing
means, responsive to an actuation of said sensor, for transmitting a coded signal indicative of said sensor. 18 sensor. 20 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	-	electronic media services, said printed matter including:
transmitting a coded signal indicative of said sensor. 19 sensor. 20 157. A feature recognition unit useful, in combination with a 21 printed matter, for accessing electronic media services,	16	at least one sensor; and
sensor. 19 sensor. 20 157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	17	means, responsive to an actuation of said sensor, for
157. A feature recognition unit useful, in combination with a printed matter, for accessing electronic media services,	18	transmitting a coded signal indicative of said
printed matter, for accessing electronic media services,	19	sensor.
	20	157. A feature recognition unit useful, in combination with a
22 said recognition unit comprising:	21	printed matter, for accessing electronic media services,
	. 22	said recognition unit comprising:

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1	means for recognizing features on said printed matter;
2	and
3	means, responsive to the recognition of a feature for
4	transmitting a coded signal indicative of said
5	recognized feature.
6	158. A feature recognition unit as defined in claim 157 wherein
7	said means for recognizing reads bar codes.
= 8	159. A feature recognition unit as defined in claim 157 wherein
10 11 9	said means for recognizing reads printed indicia.
万 亞 10 星	160. A feature recognition unit as defined in claim 157 wherein
# 11 # 11	said means for recognizing reads magnetic codes.
12 []	161. A feature recognition unit as defined in claim 157 wherein
13	said means for recognizing comprises a CCD camera.
II 13	162. A feature recognition unit as defined in claim 157 wherein
<u> </u>	said means for recognizing comprises a bar code reader.
16	163. A feature recognition unit as defined in claim 157, further
17	including a microprocessor.
18	164. A system for delivering an electronic advertisement to a
19	user, the system comprising:
20	a printed advertisement having associated therewith at
21	least one sensor or machine-recognizable feature,
22	a controller, responsive to an actuation of said

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1	sensor or a recognition of said machine-
2	recognizable feature, and a transmitter,
3	responsive to said controller, for transmitting a
4	coded signal; and
5	a display unit including a receiver for receiving said
6	coded signal and means for providing said user
7	with said electronic advertisement related to said
2 8	printed advertisement.
**** 9	165. A system for delivering information services to a user,
10	the system comprising:
<u>i.i.</u> = 11	a printed reference having associated therewith at
12	least one sensor or machine-recognizable feature,
14 13	a controller, responsive to an actuation of said
14 14	sensor or a recognition of said machine-
15	recognizable feature, and a transmitter,
16	responsive to said controller, for transmitting a
17	coded signal; and
18	a display unit including a receiver for receiving said
19	coded signal and means for providing said user
20	with said information services related to said
21	printed reference.
22	166. A system for delivering information services as defined in

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1	claim 165	wherein	said	display	unit	is	contained	within a
2	personal	communica	tor g	jevice.				

167. A system for delivering information services as defined in claim 165 wherein said display unit is contained within a remote pager device.